

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Express Mail Label No. EL922711687US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

9. ☒ Assignment Papers (cover sheet & document(s))
 10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
 11. ☐ English Translation Document *(if applicable)*
 12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
 13. ☐ Preliminary Amendment
 14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 16. ☐ Nonpublication Request under 35 U.S.C. 122
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
 or its equivalent.
 17. ☒ Other: Checks for \$740.00 and \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	Frank Chau
------	------------

F. CHAU & ASSOCIATES, LLP

Address 1900 Hempstead Turnpike, Suite 501

City	East Meadow
------	-------------

State

New York

Zip Code

11554

Country	USA
---------	-----

Telephone

516- 357-0091

Fax

516- 357-009

Name (Print/Type)

Frank Chau

Registration No. (Attorney/Agent)

34,136

Signature

Date _____

10/11/10

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20331. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20331.**

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 780.00

Complete if Known

Application Number
Filing Date October 11, 2001
First Named Inventor Jong-Keun AHN
Examiner Name
Group Art Unit
Attorney Docket No. 8836-143 (IB11007-US)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0679
Deposit Account Name F. Chau & Associates, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355 Utility filing fee	740.00
106	320	206	160 Design filing fee	
107	490	207	245 Plant filing fee	
108	710	208	355 Reissue filing fee	
114	150	214	75 Provisional filing fee	
SUBTOTAL (1)				(\$ 740.00

2. EXTRA CLAIM FEES

Total Claims 17
Independent Claims 2
Multiple Dependent
Extra Claims Fee from below Fee Paid
20** = 0 x 18.00 = 0
3** = 0 x 84.00 = 0
280.00 = 0

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	80	202	40 Independent claims in excess of 3
104	270	204	135 Multiple dependent claim, if not paid
109	80	209	40 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	40.00
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

SUBMITTED BY

Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)	34,136	Telephone	516-357-0091
Signature		Date	10/11/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION

Atty. Docket No. 8836-143 (IB11007-US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jong-Keun AHN

For: METHOD AND DEVICE FOR PROGRAMMING NONVOLATILE
SEMICONDUCTOR MEMORY

Enclosed are:

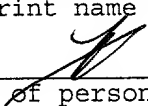
- [X] 12 page(s) of specification
[X] 1 page(s) of Abstract
[X] 4 page(s) of claims
[X] 5 sheets of drawings [X] formal [] informal
[X] 2 page(s) of Declaration and Power of Attorney
[X] An Assignment of the invention to:
Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date October 11, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL922711687US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Frank Chau

(Type or print name of person mailing paper)


(Signature of person mailing paper)

☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s) .:

APPLICATION NO(S) .:

FILING DATE

____/_____
____/_____

☒ Certified copy of applications

Country

Appln. No.

Filed

Korea

2001-20764

18 April 2001

from which priority under Title 35 United States Code, § 119 is claimed

☒ is enclosed.

☐ will follow.

☐ The fees to be charged are to be based on the number of claims remaining as a result of the attached Preliminary Amendment.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$ 740.00
Total				
Claims*	17	-20 =	x \$ 18.00	\$.00
Independent				
Claims	2	-3 =	x \$ 84.00	\$.00
Multiple	<input type="checkbox"/> yes	Add'l. Fee	\$280.00	\$
Dependent				
Claims	<input checked="" type="checkbox"/> no	Add'l. Fee	None	= \$


TOTAL \$ 740.00

☐ Applicant claims Small Entity Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$_____.

*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] A check in the amount of \$40.00 is enclosed for recording the attached Assignment.
- [X] A check in the amount of \$740.00 to cover the filing fee is attached.
- [] Charge fee to Deposit Account No. 50-0679. Order No. 50-0679. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: 10/11/01


SIGNATURE OF ATTORNEY
Frank Chau
Reg. No. 34,136

F. CHAU & ASSOCIATES, LLP
1900 Hempstead Turnpike
Suite 501
East Meadow, New York 11554
Tel. No. (516) 357-0091
Fax. (516) 357-0092

FC/SJB:mel